

*Interference*  
**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	71	(railroad and switch).clm.	US-PGPUB	OR	ON	2006/09/13 10:24
L2	1032	((railroad or rail) and switch).clm.	US-PGPUB	OR	ON	2006/09/13 10:25
L3	71	((railroad or (rail adj road)) and switch).clm.	US-PGPUB	OR	ON	2006/09/13 10:25

# Examination EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3749	((74/20) or (74/102) or (74/104) or (74/105) or (74/503) or (74/502) or (74/496) or (74/473.36) or (246/450) or (246/451) or (246/452) or (246/449) or (246/404) or (246/407) or (246/410) or (246/412) or (246/411) or (246/413) or (246/406) or (246/262) or (406/263) or (246/257) or (246/258)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 08:48
L2	1	("1795413").URPN.	USPAT	OR	ON	2006/09/13 09:34
L3	18	("0864329"   "1056888"   "1141907"   "2293303"   "2515624"   "2823404"   "3552775").PN. OR ("4637579").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 09:35
L4	42	("0275336"   "0488182"   "0654274"   "0946952"   "1169106"   "1320522"   "1373406"   "1485966"   "1499251"   "1563563"   "1677356"   "1908781"   "2009269"   "2041382"   "2205114"   "2208449"   "2245427"   "2712914"   "3363097"   "3659294"   "4093163"   "4637579"   "5620156").PN. OR ("6648276").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 09:53
L5	31	("1795413" "2041382" "2077620" "3704986" "3797324" "4355566" "0956834").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/13 09:59
L6	2	("6688560").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 10:10
L7	2	("6543727").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/09/13 10:11
L8	2	((("6543727") or ("6688560"))).PN.	USPAT	OR	OFF	2006/09/13 10:11

## EAST Search History

L9	26	("0803093"   "1802406"   "1802875"   "2009269"   "2208449"   "2222855"   "2380145"   "2397427"   "2772844"   "4093163"   "4637579"   "5527005"   "5620156"   "5730395"   "6158698"   "6290189"   "6454221").PN. OR ("6543727"   "6688560").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/13 10:12
S2	1637	basket same switch	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 12:54
S3	26307	"246"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/18 11:44
S4	13	(basket same switch) and "246"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/18 11:48
S5	261	((246/450) or (246/451) or (246/452) or (246/449)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/18 12:24
S6	23	("0275336"   "0488182"   "0654274"   "0946952"   "1169106"   "1320522"   "1373406"   "1485966"   "1499251"   "1563563"   "1677356"   "1908781"   "2009269"   "2041382"   "2205114"   "2208449"   "2245427"   "2712914"   "3363097"   "3659294"   "4093163"   "4637579"   "5620156").PN.	USPAT	OR	ON	2004/06/18 11:54

## EAST Search History

S7	25	("Re03584"   "0076365"   "1159319"   "1161599"   "1391226"   "1402098"   "1416458"   "1425253"   "1428220"   "1437944"   "1450758"   "1457632"   "1461701"   "1495954"   "1501822"   "1504332"   "1506412"   "1512276"   "1523003"   "1537508"   "2697404"   "3118642"   "3764802"   "4362282"   "4624428").PN.	USPAT	OR	ON	2004/06/18 12:00
S8	165	((246/404) or (246/407) or (246/412)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/18 12:35
S9	378	(74/105).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/18 12:36
S10	0	("elongatedadjslot").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/18 12:37
S11	58496	elongated adj (slot or opening)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/18 12:37
S12	8	((74/105).CCLS.) and (elongated adj (slot or opening))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/18 12:40
S13	154	(74/106).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/18 12:47

## EAST Search History

S14	143171	"74"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/18 12:47
S15	1405	(elongated adj (slot or opening)) and "74"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/18 14:52
S16	1004	((74/102) or (74/104) or (74/105)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/10 16:44
S17	47	(US-6158698-\$ or US-6682024-\$ or US-6648276-\$ or US-2712914-\$ or US-2205114-\$ or US-2009269-\$ or US-5527005-\$ or US-1159319-\$ or US-4637579-\$ or US-2401294-\$ or US-2397427-\$ or US-2177148-\$ or US-1470226-\$ or US-1455996-\$ or US-1330914-\$ or US-1230047-\$ or US-0951107-\$ or US-0894583-\$ or US-0837483-\$ or US-0791622-\$ or US-0410056-\$ or US-2041382-\$ or US-1549735-\$ or US-0831834-\$ or US-4594907-\$ or US-4373591-\$).did. or (US-3342078-\$ or US-2767262-\$ or US-2567436-\$ or US-6543807-\$ or US-6354170-\$ or US-5823062-\$ or US-5402984-\$ or US-5299469-\$ or US-5197356-\$ or US-5187998-\$ or US-5111889-\$ or US-5024416-\$ or US-4979783-\$ or US-4862758-\$ or US-4848181-\$ or US-5404744-\$ or US-4355566-\$ or US-4265132-\$ or US-3704986-\$ or US-3696684-\$ or US-4228757-\$).did.	USPAT	OR	OFF	2004/06/21 08:45
S18	2	("6688560").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/06/21 09:02

## EAST Search History

S19	12	("0803093"   "1802406"   "1802875"   "2009269"   "2380145"   "2397427"   "4093163"   "5620156"   "5730395"   "6158698"   "6290189"   "6454221").PN.	USPAT	OR	ON	2004/06/21 09:03
S20	4	((("3797324") or ("5527005"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/10 14:02
S21	2190	((74/102) or (74/104) or (74/105) or (246/450) or (246/451) or (246/452) or (246/449)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 08:45
S22	306	(74/104).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/11 18:49
S23	18	("1260260"   "1923681"   "2520209"   "3104592"   "3672262"   "3704986"   "3727523"   "3824901").PN. OR ("4265132").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/12 14:11
S24	102	(74/20).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/12 14:14
S25	221	((246/410) or (246/412)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/12 15:42
S26	93	(246/452).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/12 14:25
S27	1770	actuator with elongated with slot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 14:26
S28	1026	actuator with (elongated adj slot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 14:27

## EAST Search History

S29	235711	"74"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 14:27
S30	65	S28 and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/12 14:33
S31	1171	(74/503).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 14:34
S34	997	(74/502).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 14:36
S35	39	(246/407).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 15:29
S36	211	(246/411).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/12 16:00
S37	154	(246/413).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/12 16:55
S38	0	("719826").URPN.	USPAT	OR	ON	2005/08/12 16:34
S39	232	(74/496).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 16:37
S40	187	(74/473.36).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/12 16:37
S41	77	(246/406).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/12 17:01

## EAST Search History

S42	121	((246/262) or (246/263)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/12 17:02
S43	192	((246/257) or (246/258)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/12 17:02
S44	7	("2041382").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/13 09:58
S45	191	((246/449) or (246/450) or (246/451)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/12 12:54
S46	0	("887802").URPN.	USPAT	OR	ON	2005/12/12 13:06
S47	18	("0864329"   "1056888"   "1141907"   "2293303"   "2515624"   "2823404"   "3552775").PN. OR ("4637579").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 14:24
S48	16682	adjustable near2 connection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 14:24
S49	492	S48 with elongat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 14:48
S50	117976	elongated adj (slot or opening)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 14:48
S51	304916	(bar or rod) with (connection or attachment)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 14:49
S52	945	S50 with S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 14:50



## EAST Search History

S53	85	S52 with bolt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 14:50
S54	29	("3912404").PN. OR ("4126403"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/12 14:54
S55	97434	"403"/\$.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 14:54
S56	1681	S50 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 14:54
S57	22	S52 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/12 14:54
S58	2	("2077620").URPN.	USPAT	OR	ON	2005/12/12 14:56
S59	2172	((74/102) or (74/104) or (74/105) or (74/106) or (246/450) or (246/451) or (246/452) or (246/449) or (246/404) or (246/407) or (246/412) or (246/411) or (246/413) or (246/406) or (246/262) or (406/263) or (246/257) or (246/258)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 16:26